

In the Abstract

Please substitute the following amended Abstract for the Abstract as currently pending (deleted matter is shown by strikethrough and added matter is shown by underlining):

The invention relates to a method for producing cuts [(9)] in a transparent material, in particular in the cornea [(5)], by creating optical openings [(8)] in said material [(5)] by means of laser radiation [(3)] that is focused in said material [(5)], whereby the focal point [(7)] is displaced in order to produce the cut [(9)] from a surface grid-type array [(F)] of optical openings [(8)] arranged in sequence. The focal point [(7)] is displaced along a trajectory and optical openings [(8)] along said trajectory that are adjacent are not produced immediately after one another. In addition, the surface grid-type array [(F)] of optical openings [(8)] is constructed from at least two sub-grids (G1, G2, G3), the optical openings [(8)] of which are processed sequentially grid by grid.